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XV. *A Catalogue of the Fifty Plants from Chelsea Garden, presented to the Royal Society by the worshipful Company of Apothecaries, for the Year 1764, pursuant to the Direction of Sir Hans Sloane, Bart. Med. Reg. et Soc. Reg. aliquando Præses: By John Wilmer, M. D. clariss. Societatis Pharmaceut. Lond. Soc. Hort. Chelsean. Præfectus et Prælector Botanic.*

Read March 14, } 2101
1764.

- A** Chillea foliis bipinnatis subpilosis, laciniis linearibus, dentatis, auriculis decussatis. Linn. Sp. plant. 1267.
- 2102 Achillea foliis setaceis dentatis, denticulis subintegris subulatis reflexis. Hort. Cliff. 412.
- 2103 Amaranthus glomeribus triandris pentandriisque, foliis ovatis obtusissimis emarginatis rugosis. Linn. Sp. plant. 1403.
- 2104 Anastatica foliis obtusis, spicis axillaribus brevissimis, filiculis unguulatis spinosis. Linn. Sp. plant. 895.
- 2105 Antirrhinum foliis lanceolatis sparsis, inferioribus oppositis, nectariis subulatis, floribus subsessilibus. Hort. Cliff. 498.
- 2106 Astragalus caulescens procumbens, leguminibus contortuplicatis villosis. Linn. Sp. plant. 1068.

- 2107 *Bidens* foliis trifidis quinatisque ferratis petiolatis, pedunculis longissimis.
- 2108 *Borago* foliis ramificationum oppositis amplexicaulibus, calycinis foliolis sagittatis. Linn. Sp. plant. 197.
- 2109 *Bupleurum frutescens*, foliis obovatis integerrimis. Linn. Sp. plant. 343.
- 2110 *Carica foliorum lobis sinuatis*. Hort. Cliff. 461.
- 2111 *Cassia* foliis octojugis ovato-oblongis æqualibus, glandula baseos petiolorum. Hort. Cliff. 159.
- 2112 *Chrysanthemum Indicum* foliis simplicibus ovatis sinuatis angulatis ferratis acutis. Linn. Sp. plant. 1253.
- 2113 *Cistus* (*Ægyptiacus*) herbaceus erectus stipulatus foliis lineari lanceolatis petiolatis, calycibus inflatis corolla majoribus. Linn. Sp. plant. 742.
- 2114 *Cleome floribus gynandris*, foliis quinatis, caule inermi. Linn. Sp. plant. 938.
- 2115 *Corchorus capsulis linearibus compressis*, foliis lanceolatis æqualiter ferratis. Linn. Sp. plant. 746.
- 2116 *Coris* (*Monspeliensis*). Linn. Hort. Cliff. 68.
- 2117 *Coronilla fruticosa*, foliis quinatis ternatisque lineari-lanceolatis subcarnosis obtusis. Linn. Sp. plant. 1047.
- 2118 *Crambe foliis laciniatis*, caule erecto ramosissimo. Dict. Hort.
- 2119 *Crepis foliis amplexicaulibus* Lyrato runcinatis. Hort. Cliff. 79.

- 2120 *Cynosurus spicis* quaternis obtusis patentibus dimidiatis, calycibus mucronatis, caule repente. Linn. Sp. plant. 106.
- 2121 *Cytisus floribus* umbellatis terminalibus, caulibus erectis, foliolis lanceolatis. Linn. Sp. plant. 1042.
- 2122 *Delphinium nectariis* diphyllis.
- 2123 *Dianthus floribus* solitariis, squamis calycinis subulatis tubam æquantibus, petalis multifidis. Amœn. Acad. 4. p. 313.
- 2124 *Dianthus floribus* paniculatis, squamis calycinis brevibus acuminatis, corollis multifido capillaribus, caule erecto. Amœn. Acad. 4. p. 272.
- 2125 *Dipsacus foliis* petiolatis appendiculatis. Hort. Upsal. 25.
- 2126 *Genista foliis* ternatis subtus villosis, pedunculis lateralibus subquinque floris foliolatis, leguminibus hirsutis. Amœn. Acad. 4. p. 284.
- 2127 *Gentiana corollis* quinquefidis hypocrateriformibus, fauce barbatis. Linn. Sp. plant. 334.
- 2128 *Hieracium foliis* lanceolatis amplexicaulibus dentatis, floribus solitariis, calycibus laxis. Hort. Cliff. 387.
- 2129 *Imperatoria*. Hort. Cliff. 103.
- 2130 *Isatis foliis* omnibus dentatis. Linn. Sp. plant. 937.
- 2131 *Malpighia foliis* ovatis integerrimis glabris, pedunculis umbellatis. Hort. Cliff. 169.

- 2132 *Marrubium* calycum limbis tubo longioribus membranaceis, angulis majoribus rotundatis. Linn. Sp. plant. 817.
- 2133 *Matricaria* foliis simplicibus linearilanceolatis sessilibus, pedunculis uniformis.
- 2134 *Ocimum* foliis lanceolatis ovatis ferratis racemis verticillatis. Linn. Sp. plant. 834.
- 2135 *Plantago* foliis ovatis glabris, scapo angulato spica flosculis distinctis. Linn. Sp. plant. 163.
- 2136 *Potentilla* foliis ternatis, caule dichotomo, pedunculis axillaribus. Linn. Sp. plant. 715.
- 2137 *Rosa* germinibus ovatis glabris, pedunculis cauleque hispidis, petiolis inermibus fructibus pendulis. Linn. Sp. plant. 705.
- 2138 *Rudbeckia* foliis inferioribus femilobatis incisis, caulinis trifidis vel quinquefidis, pedunculis longissimis.
- 2138 *Scabiosa* corollulis quadrifidis æqualibus, floribus cernuis, foliis pinuatis, foliolis lanceolatis ferratis. Hort. Cliff. 30.
- 2140 *Serapias* bulbis fibrosis, floribus erectis bractea longioribus. Linn. Sp. plant. 1345.
- 2141 *Scolymus* foliis margine incrassatis. Linn. Sp. plant. 1143.
- 2142 *Scorzonera* foliis omnibus runcinatis amplexicaulibus. Linn. Sp. plant. 1114.
- 2143 *Sophora* foliis pinuatis, foliolis numerosis oblongis villosis, caule herbacco. Linn. Sp. plant. 533.
- 2144 *Statice* scapo dichotomo ancipiti foliis lanceolatis mucronatis, floribus aggregatis. Linn. Sp. plant 395.

- 2145 *Teucrium foliis ovatis acute incisoferratis glabris, floribus axillaribus geminis caule, erecto.* Linn. Sp. plant. 790.
- 2146 *Tithymalus Linariæ folio, lunato flore.* Mor. H. Reg. Bles.
2147. *Valeriana sylvestris major altera, fol. lucido.* H. Reg. Par.
2148. *Veratrum racemo composito, corollis patentissimis.* Linn. Sp. plant. 1479.
- 2149 *Veronica racemis lateralibus, foliis lineari lanceolatis pinnato dentatis.* Linn. Sp. plant. 17.
- 2150 *Volkameria ramis inermibus.* Linn. Zeyl. 231.
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XVI. *A Course of Experiments to ascertain the Specific Buoyancy of Cork in different Waters: The respective Weights and Buoyancy of Salt Water and Fresh Water: And for determining the exact Weight of Human and other Bodies in Fluids.* By John Wilkinfon, M. D. F. R. S. of London and Gottingen.

[*Experiments to determine the Specific Buoyancy of Cork in River Water.*]

Experiment I.

Read March 14, 1765. **S**IX cubes of good cork, every one measuring an inch square, as nearly as they could possibly be ascertained, with a graduated